

UDS-3x Underwater Depth Sensors 60 / 100 / 200 MSW

UDS-3 | Light & compact two-wire pressure sensor for multiple applications of depth monitoring

The UDS-3 is a light and compact two-wire pressure sensor for multiple applications of depth monitoring.

The UDS-3 pressure/depth sensor is made of Stainless Steel housing with at one end a 3 pin connector and on the other end the pressure sensor behind a cap with small holes. The connector is a standard MCBH3MSS connector. Pin1 and 2 are used. Pin3 is not connected.

The sensor is a 2 wire 4-20 ma sensor based on the HART protocol.



front

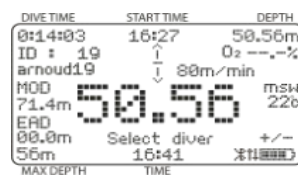


side

UDS-3 can for example be used in combination with NOVASUB DDG (Digital Depth Gauge) :



DDG (optional)



DDG display



DDG Rack Mount (optional)

Configurations :

- UDS-3-60MSW
- UDS-3-100MSW
- UDS-3-200MSW

Features:

- Low cost
- Extremely ruggedized
- Digital
- Calibrated

Applications:

- Diver Depth
- Depth monitoring
- Depth probing
- Dropdown systems
- ROV systems

website link : <https://www.novasub.com/product/uds-3-digital-depth-sensor/>

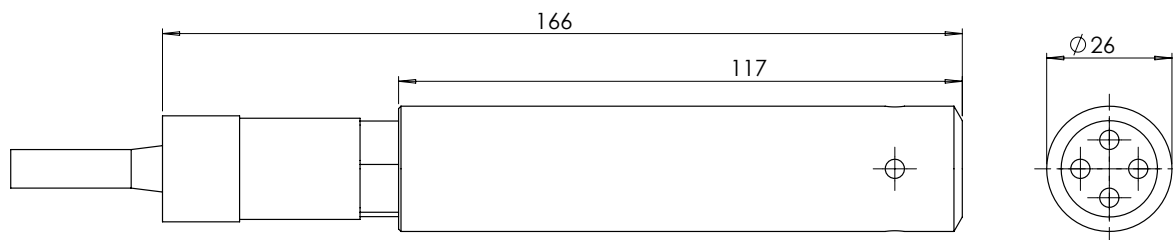
product video : <https://www.youtube.com/channel/UCRqqqmJy8O7XEabp7S1rpQ>

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Specifications :

MODEL	UDS-3-60MSW	UDS-3-100MSW	UDS-3-200MSW
Output Standard	4 ~ 20mA DC 2-wire current output		
Protocol	HART® communication protocol		
Depth Range	0-60 MSW	0-100 MSW	0-200 MSW
Pressure range	0-7 bar absolute	0-11 bar absolute	0-21 bar absolute
Accuracy	±0.1%FS (typ.) ±0.25%FS (max.)		
Power Supply	10-28 vdc 20mA		
Dimensions	117 mm x ø 26 mm (excl. Connector)		
Material Housing	S/S 316		
Weight	340 gr. (In air), 260 gr. (In water)		
Connector	MCBH3MSS mates with MCIL3F		
Pin Layout	1=+vdc 2=Out+ V 3=not used		
Operating Temp.	-10°C ~ +50°C		

Dimensions (mm)



Accessories:

MCIL3F



3 Pin Connector
Female

NOVASUB Available products that can be used in combination with UDS-3 :

PROTEUS



DIVING AIR / COMMS / LIGHT & VIDEO PANEL
All-in one rack

THALLASA



VIDEO RECORDER

TRITON



DIVER COMMUNICATION & VIDEO RECORDER

DUx



UMBILICALS

DLRx & CDURx



CABLES
for video & comms

DDG



Digital Depth gauge